BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA

Job code 007-19-000138 — **007-19-000138**

P-code P1771 — **P1771**

Agency — **Sri.Mahesh**

second and final bill

Sl NO	Description	unit	Qty	RATE	AMOUNT
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications				
	Name of work	cum			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		188.53		
	Previous Qty		214.20		
	Total Qty		402.73		
	Modified BOQ Qty upto 125%		272.25		
	Modified BOQ Qty above 130.48%		130.48		
	Qty for payment upto 125%		58.05	121.95	7079.20
	Qty for payment above 125%		130.48	121.95	15912.04
2	Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification				
	Name of work	cum			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		55.85		
	Total Qty		55.85		
	Modified BOQ Qty		55.85		
	Qty for payment		0.00	4786.19	0.00

4	Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications				
	Name of work	cum			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		32.40		
	Total Qty		32.40		
	Modified BOQ Qty		32.40		
	Qty for payment		0.00	4311.51	0.00
3	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications.				
	Name of work	cum			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		6.30		
	Total Qty		6.30		
	BOQ Qty		6.30		
	Qty for payment		0.00	5086.38	0.00

5	Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4				
	Name of work	sqm			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		54.00		
	Total Qty		54.00		
	BOQ Qty		54.00		
	Qty for payment		0.00	131.33	0.00
10	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification				
	Name of work	sqm			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		54.00		
	Total Qty		54.00		
	BOQ Qty		54.00		
	Qty for payment		0.00	4523.24	0.00

7	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications				
	Name of work	tonne			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		2.81		
	Total Qty		2.81		
	BOQ Qty		2.81		
	Qty for payment		0.00	66573.20	0.00
8	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge				
	Name of work	sqm			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		370.80		
	Total Qty		370.80		
	BOQ Qty		370.80		
	Qty for payment		0.00	427.77	0.00

5	Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4				
	Name of work	sqm			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		54.00		
	Total Qty		54.00		
	BOQ Qty		54.00		
	Qty for payment		0.00	131.33	0.00
10	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification				
	Name of work	sqm			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		54.00		
	Total Qty		54.00		
	BOQ Qty		54.00		
	Qty for payment		0.00	4523.24	0.00

6	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.				
	Name of work	cum			
	Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura				
	Present Qty		0.00		
	Previous Qty		51.03		
	Total Qty		51.03		
	BOQ Qty		51.03		
	Qty for payment		0.00	5308.71	0.00
9	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications				
	Name of work	sqm			
	Improvements to drains of Kuvempu layout main road to Elumandamma temple road				
	Present Qty		0.00		
	Previous Qty		147.42		
	Total Qty		147.42		
	BOQ Qty		147.42		
	Qty for payment		0.00	1858.50	0.00

11	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc				
	Name of work	nos			
	Improvements to drains of Kuvempu layout main road to Elumandamma temple road				
	Present Qty		0.00		
	Previous Qty		360.00		
	Total Qty		360.00		
	BOQ Qty		360.00		
	Qty for payment		0.00	422.15	0.00
12	Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications.				
	Name of work	sqm			
	Improvements to drains of Kuvempu layout main road to Elumandamma temple road				
	Present Qty		0.00		
	Previous Qty		162.00		
	Total Qty		162.00		
	BOQ Qty		162.00		
	Qty for payment		0.00	34.71	0.00
13	Providing and fixing MS Grating 260x260 mm				
	Name of work	nos			
	Improvements to drains of Kuvempu layout main road to Elumandamma temple road				
	Present Qty		0.00		
	Previous Qty		32.00		
	Total Qty		32.00		
	BOQ Qty		32.00		
	Qty for payment		0.00	75.00	0.00

14	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification				
	Name of work	cum			
	Improvements to drains of Kuvempu layout main road to Elumandamma temple road				
	Present Qty		188.53		
	Previous Qty		214.20		
	Total Qty		402.73		
	Modified BOQ Qty upto 125%		272.25		
	Modified BOQ Qty above 125%		130.48		
	Qty for payment upto 125%		58.05	83.49	4846.59
	Qty for payment above 125%		130.48	83.49	10893.78
15 E-1	Removing and refixing stone slabs of drains and pointing in CM(1:3)				
	Name of work	Sqm			
	Improvements to drains of Kuvempu layout main road to Elumandamma temple road				
	Present Qty		572.85		
	Previous Qty		0.00		
	Total Qty		572.85		
	BOQ Qty		572.85		
	Qty for payment		572.85	98.50	56425.73
16 E-2	Provding granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete a sper specifications.				
	Name of work	Sqm			
	Improvements to drains of Kuvempu layout main road to Elumandamma temple road				
	Present Qty		140.40		
	Previous Qty		0.00		
	Total Qty		140.40		
	BOQ Qty		141.75		
	Qty for payment		140.40	656.67	92196.47
			TOTAL		187353.80

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub division

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Executive Engineer
Byatarayanapura Division

BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA

Agency | **Sri. Mahesh**

Name of work:- Improvements to drains of vayunandhan layout main road (RHS) in kempapura in ward No.07 Byatarayanapura

Estimated Cost:- 25.00 Lakhs

Sl NO	Description of work	No	L	B	D	QTY		
E-1	Removing and refixing stone slabs of drains and pointing in CM(1:3)							
	1st main Muniswamy gowda layout							
	LHS							
	4-28	1	24	1.35		32.4		
	33-55	1	22	1.35		29.7		
	60-82	1	22	1.35		29.7		
	90-116	1	26	1.35		35.1		
	120-146	1	26	1.35		35.1		
	153-174	1	21	1.35		28.35		
	2nd cross road							
	LHS							
	18-Mar	1	15	1.8		27		
	22-27	1	5	1.8		9		
	32-61.5	1	29.5	1.8		53.1		
	RHS							
	26-Jun	1	20	1.8		36		
	33-62	1	29	1.8		52.2		
	3rd cross							
	Left side							
	28-Jun	1	22	1.35		29.7		
	32-59	1	27	1.35		36.45		
	63-90	1	27	1.35		36.45		
	Right side							
	26-Mar	1	23	1.35		31.05		
	31-57	1	26	1.35		35.1		
	62-89	1	27	1.35		36.45		
						572.85		

Assistant Executive Engineer.
Kodigehalli Sub Division.
Yelahanka Zone, B.B.M.P.,
Bangalore.

1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications							
	Desilting of drains							
	1st main Muniswamy gowda layout							
	LHS							
	0-30	1	30	0.45	0.45	6.08		
	30-60	1	30	0.45	0.45	6.08		
	60-90	1	30	0.45	0.45	6.08		
	90-120	1	30	0.45	0.45	6.08		
	120-150	1	30	0.45	0.45	6.08		
	150-177	1	27	0.45	0.45	5.47		
	2nd cross road							
	LHS							
	0-30	1	30	0.6	0.6	10.80		
	30-63	1	33	0.6	0.6	11.88		
	RHS							
	0-30	1	30	0.6	0.6	10.80		
	30-63	1	33	0.6	0.6	11.88		
	3rd cross							
	Left side							
	0-30	1	30	0.45	0.45	6.08		
	30-60	1	30	0.45	0.45	6.08		
	60-96	**1**	36	0.45	0.45	7.29		
	Right side							
	0-30	1	30	0.45	0.45	6.08		
	30-60	1	30	0.45	0.45	6.08		
	60-96	**1**	36	0.45	0.45	7.29		
	5th cross road							
	LHS							
	0-30	1	30	0.45	0.45	6.08		
	30-49	1	19	0.45	0.45	3.85		
	RHS							
	0-30	1	30	0.45	0.45	6.08		
	30-49	1	19	0.45	0.45	3.85		
	2ND Main							
	LHS							
	0-30	1	30	0.45	0.45	6.08		
	30-60	1	30	0.45	0.45	6.08		
	60-90	1	30	0.45	0.45	6.08		
	90-120	1	30	0.45	0.45	6.08		
	RHS							
	0-30	1	30	0.45	0.45	6.08		

	30-60	1	30	0.45	0.45	6.08		
	60-90	1	30	0.45	0.45	6.08		
	90-120	1	30	0.45	0.45	6.08		
						188.53		
E-2	Provding granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete a sper specifications.							
	1st main Muniswamy gowda layout							
	LHS							
	0-4	1	4	1.35		5.4		
	28-33	1	5	1.35		6.75		
	56-60	1	4	1.35		5.4		
	82-90	1	8	1.35		10.8		
	116-120	1	4	1.35		5.4		
	146-153	1	7	1.35		9.45		
	174-177	1	3	1.35		4.05		
	2nd cross road							
	LHS							
	0-3	1	3	1.8		5.4		
	18-22	1	4	1.8		7.2		
	27-32	1	5	1.8		9		
	RHS							
	0-5	1	5	1.8		9		
	26-33	1	7	1.8		12.6		
	3rd cross							
	Left side							
	1-6	1	5	1.35		6.75		
	28-32	1	4	1.35		5.4		
	59-63	1	4	1.35		5.4		
	90-96	1	6	1.35		8.1		
	Right side							
	0-3	1	3	1.35		4.05		
	26-31	1	5	1.35		6.75		
	58-62	1	4	1.35		5.4		
	89-96	1	6	1.35		8.1		
						140.4		

14	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter					188.53	188.53	
				cum				

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub division

Executive Engineer
Byatarayanapura Division